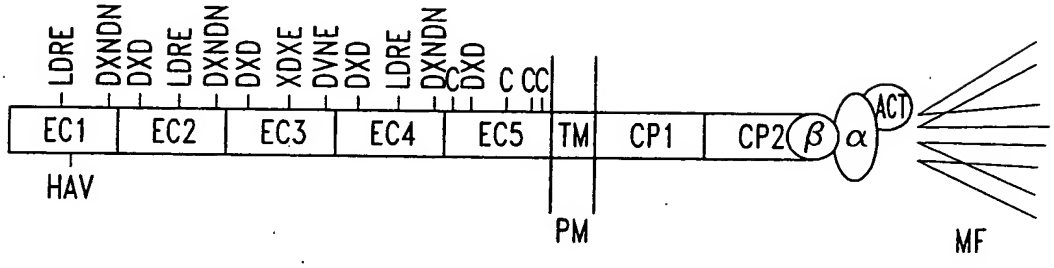
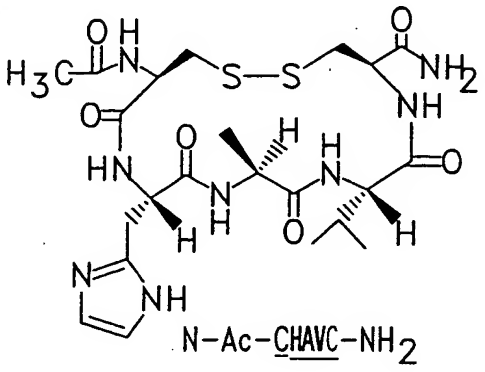
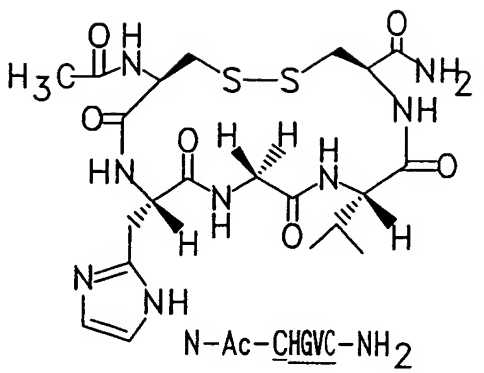


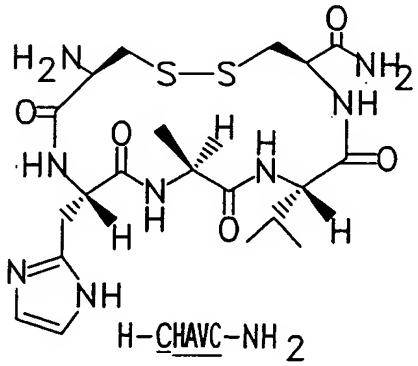
Fig. 1

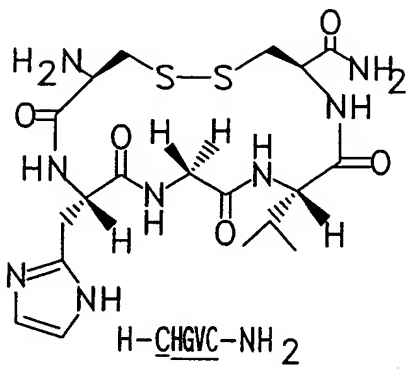
```
human N-cad   DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFILNPISGQLSVTKPLDREQ
mouse N-cad   DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREL
  cow N-cad   DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREL
human P-cad   DWVVAPISVPENGKGPFPQRLNQLKSNKDRDTKIFYSITGPGADSPPEGVFAVEKETGWLLLNKPLDREE
mouse P-cad   EWVMPPIFVPENGKGPFPQRLNQLKSNKDRGTKIFYSITGPGADSPPEGVFTIEKESGWLLLHMPLDREK
human E-cad   DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIIERETGWLKVTEPLDRER
mouse E-cad   DWVIPPISCPENEKGEFPKNLVQIKSNRDKETKVFYSITGQGADKPPVGVFIIERETGWLKVTQPLDREA

human N-cad   IARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF
mouse N-cad   IARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF
  cow N-cad   IARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF
human P-cad   IAKYELFGHAVSENGASVEDPMNISIIVTDQNDHKPKF
mouse P-cad   IVKYELYGHAVSENGASVEEPMNISIIVTDQNDNKPKF
human E-cad   IATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPEF
mouse E-cad   IAKYILYSHAVSSNGEAVEDPMEIVITVTDQNDNRPEF
```

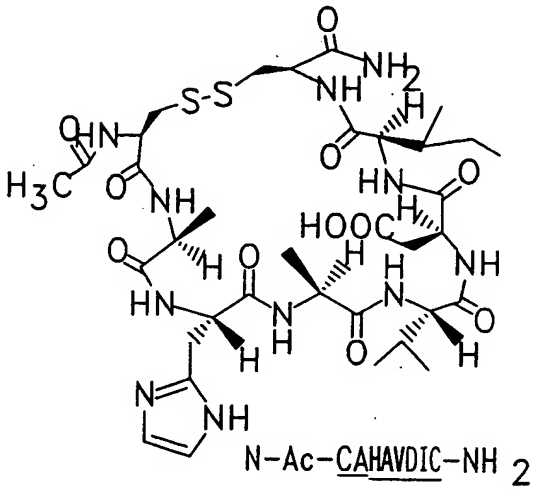
Fig. 2











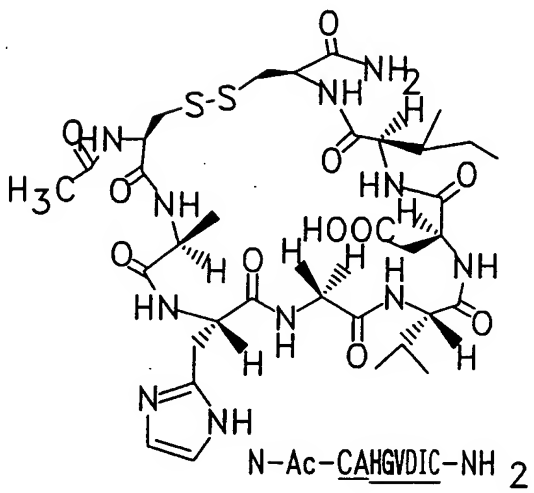
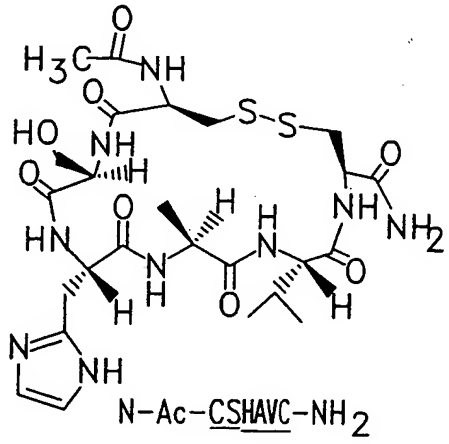
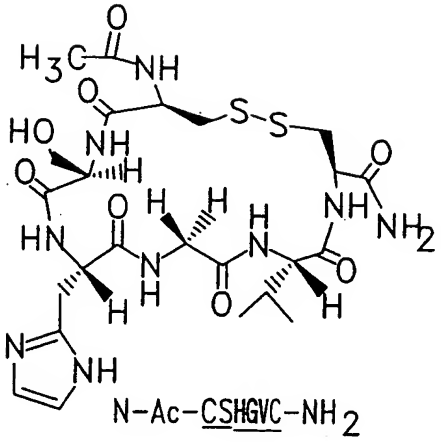
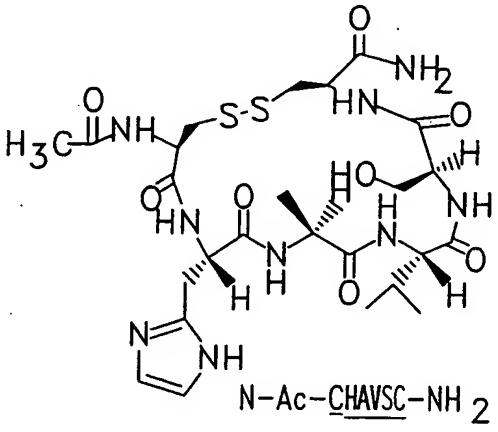
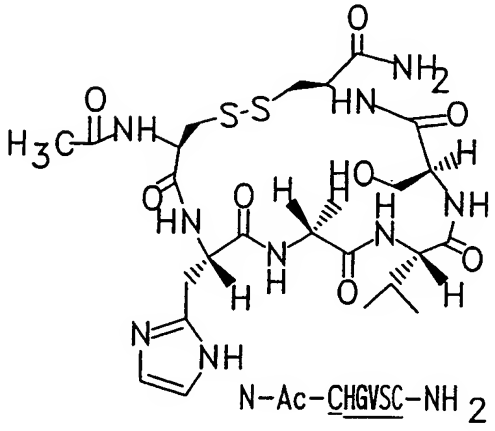


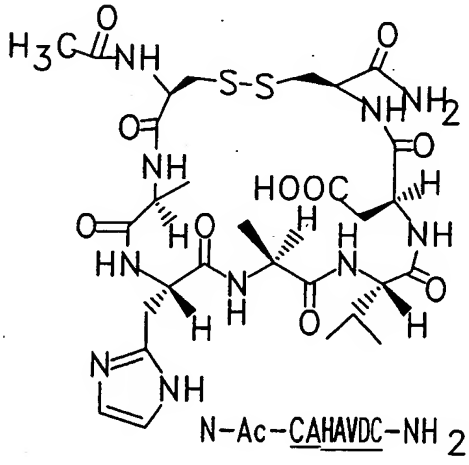
Fig. 3A











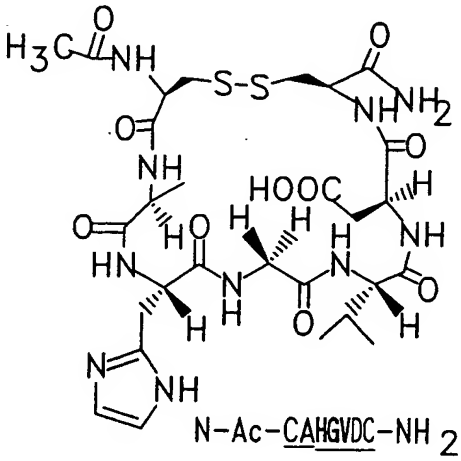
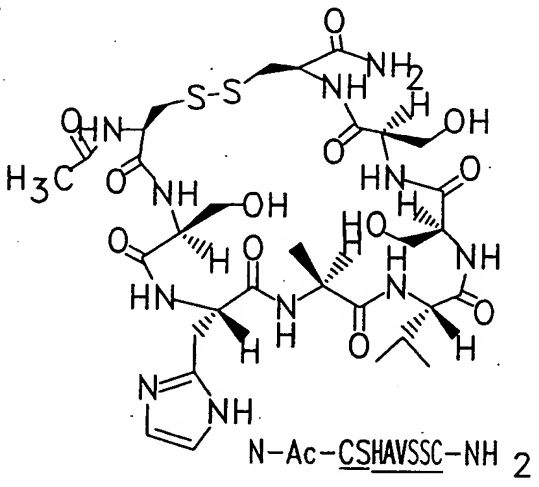
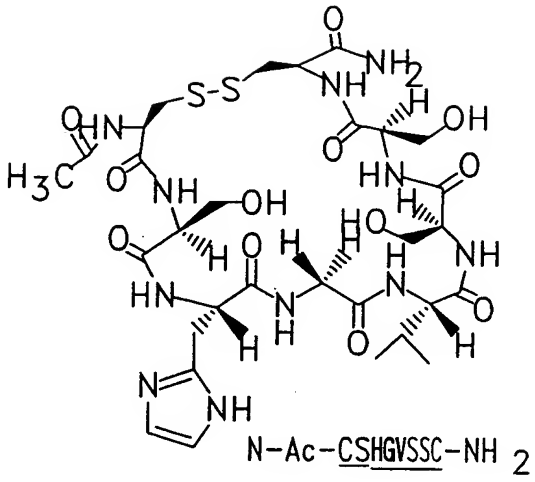
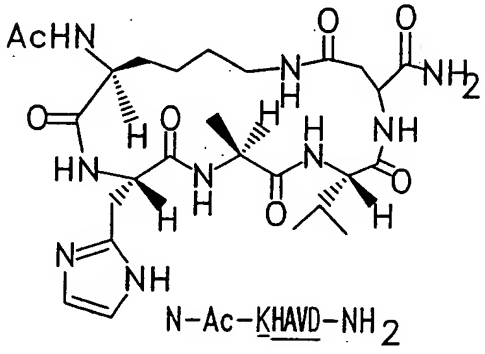
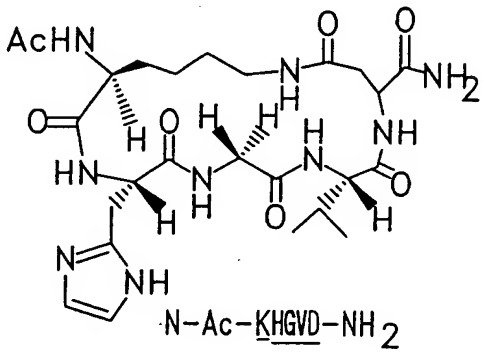


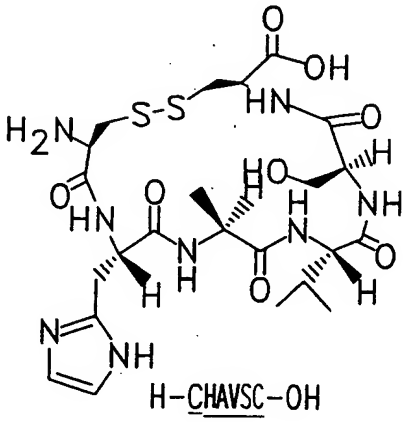
Fig. 3B











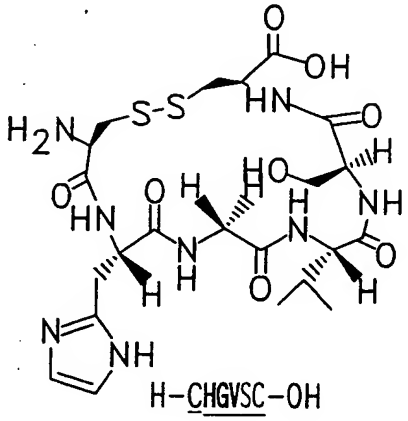
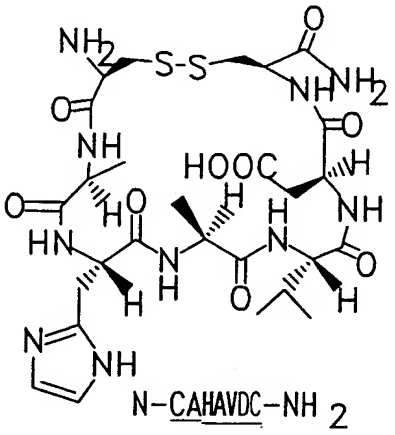
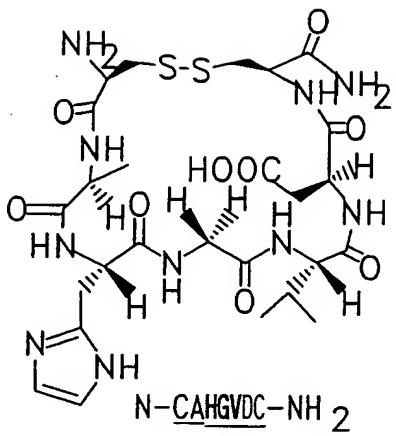
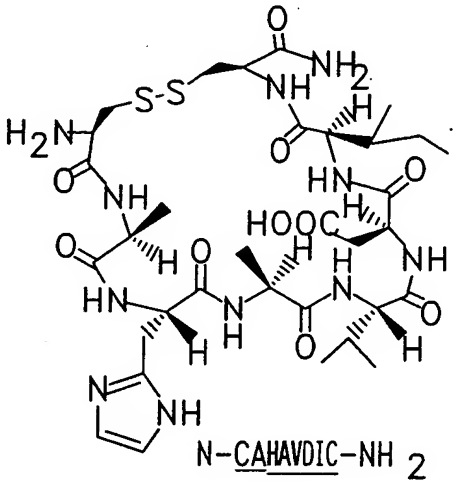
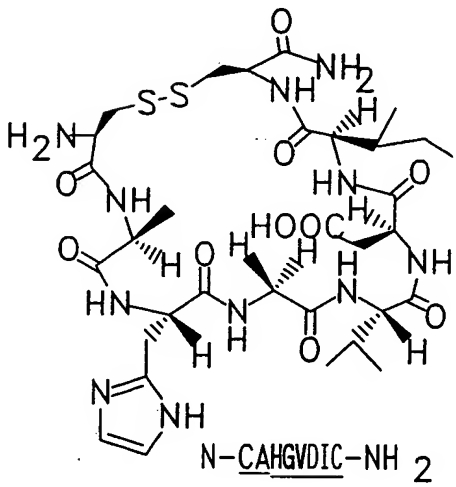


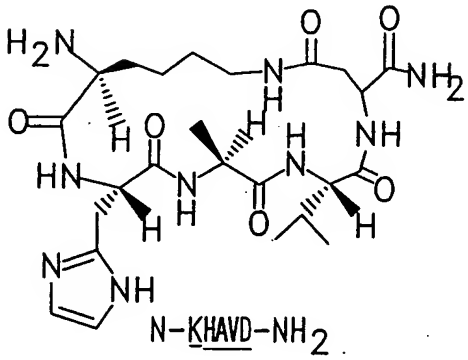
Fig. 3C











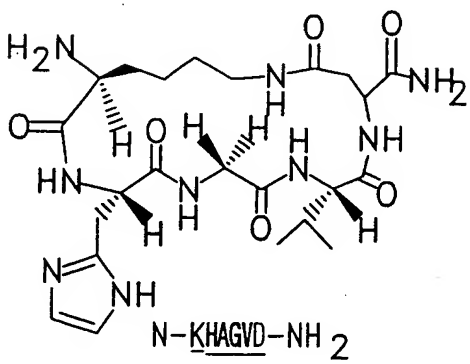
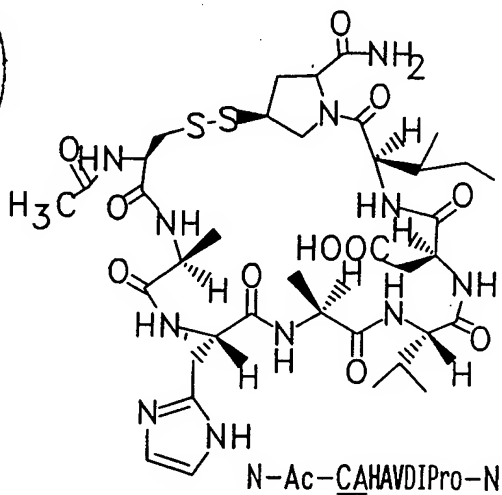
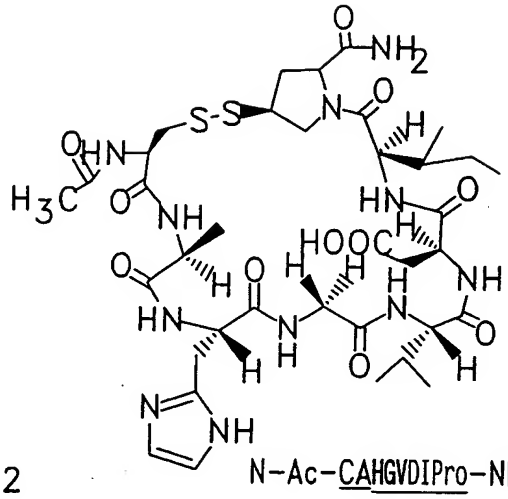


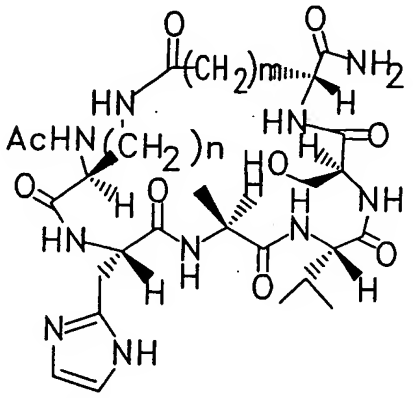
Fig. 3D



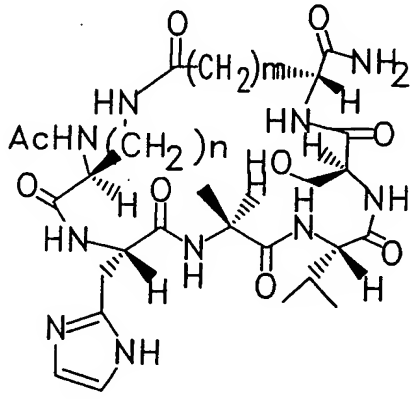
N-Ac-CAHAVDIPro-NH$_2$



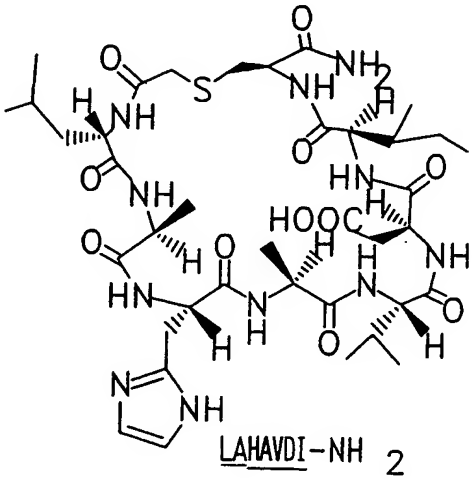
N-Ac-CAHGVDIPro-NH$_2$



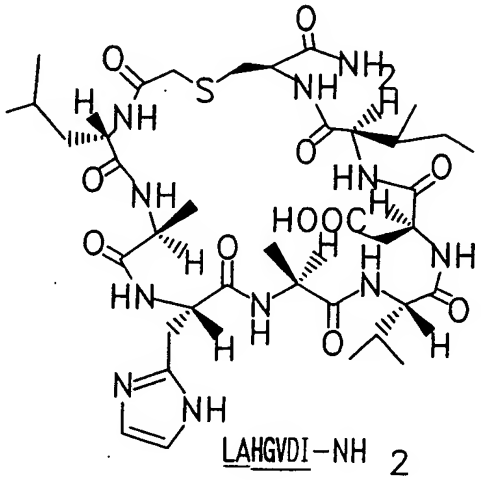
A_2B_4= 2,4-diaminobutyric acid
N-Ac-(A_2B_4)HAVSG-NH_2 n=3, m=2
N-Ac-OmHAVS-NH_2 n=2, m=3



N-Ac-(A_2B_4)HAVSG-NH_2 n=3, m=2
N-Ac-OmHAVS-NH_2 n=2, m=3



LAHAVDI-NH$_2$



LAHGVDI-NH$_2$

Fig. 3E

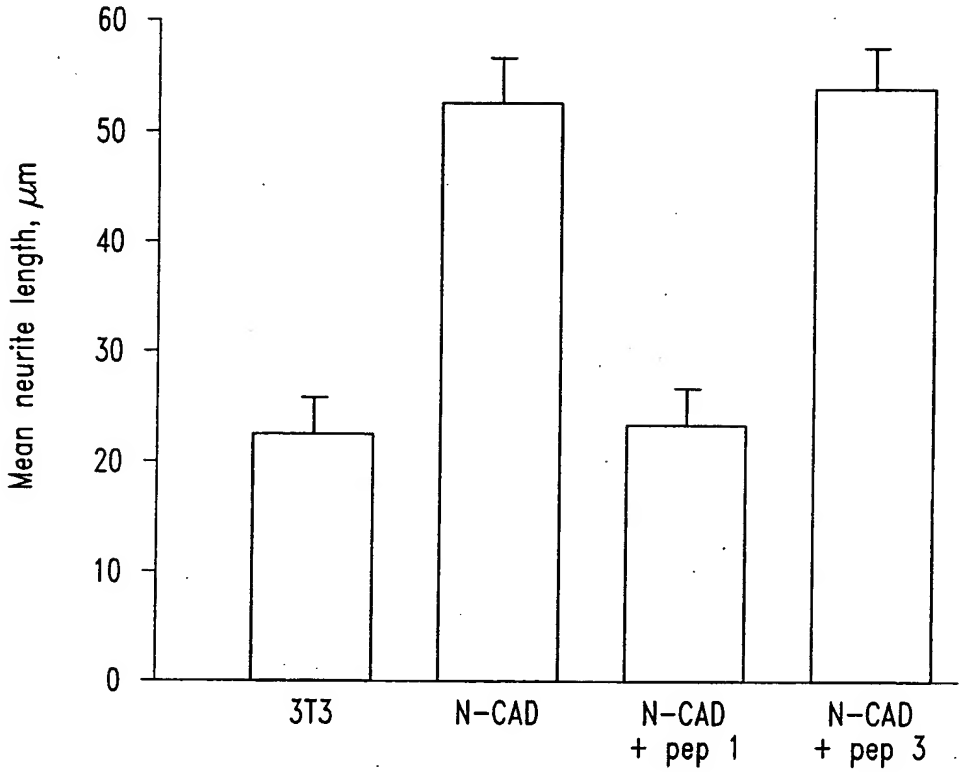


Fig. 4

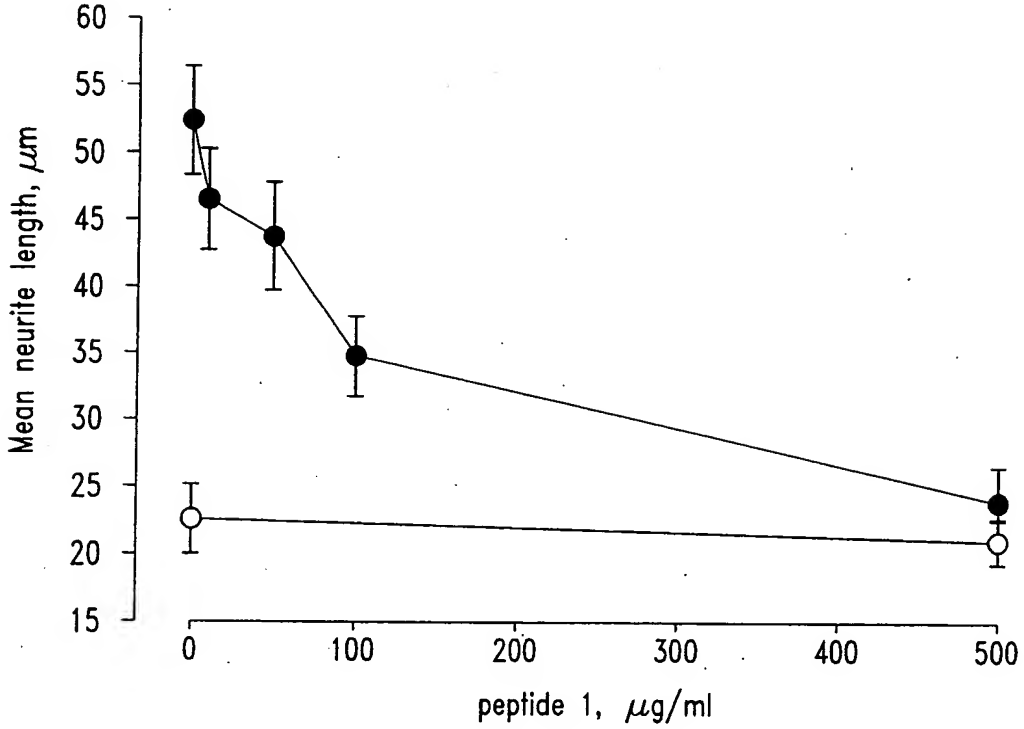


Fig. 5

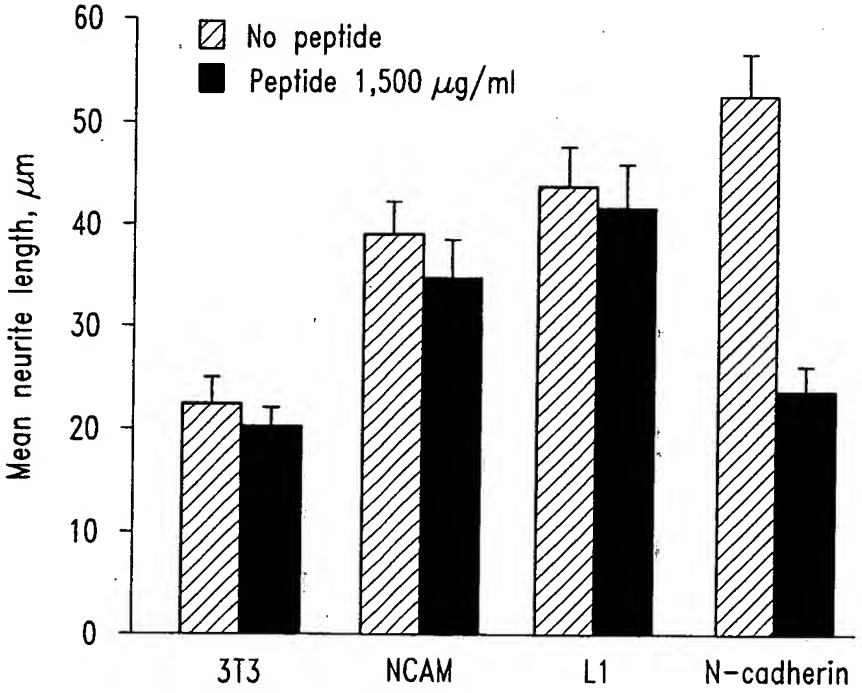


Fig. 6

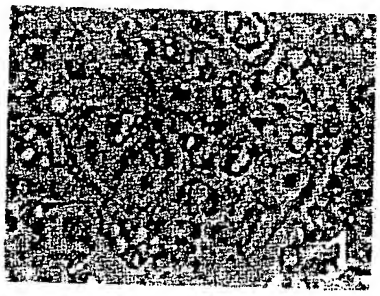


FIG. 7A

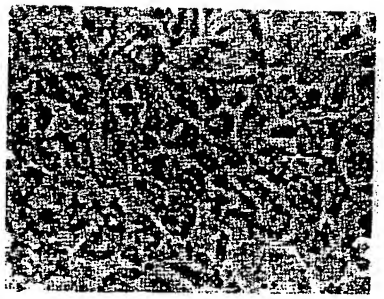


FIG. 7B

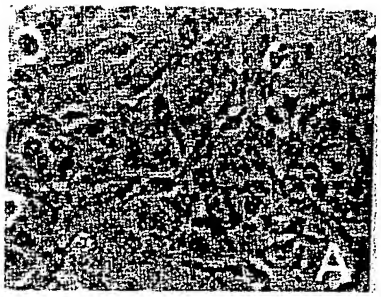


FIG. 7C

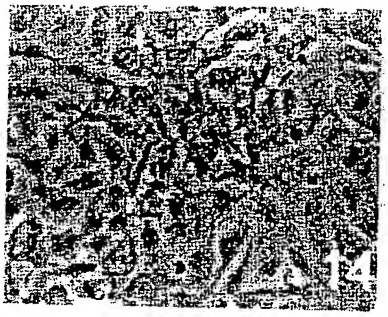


FIG. 8A

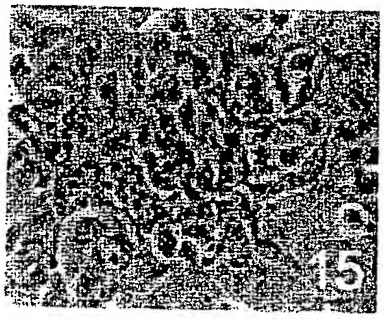


FIG. 8B

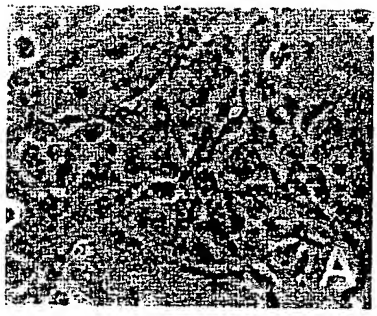


FIG. 8C

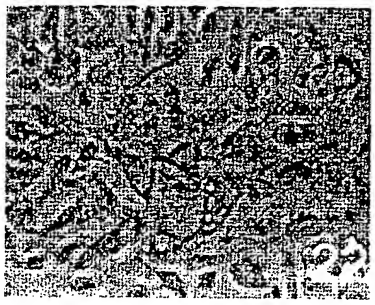


FIG. 9A

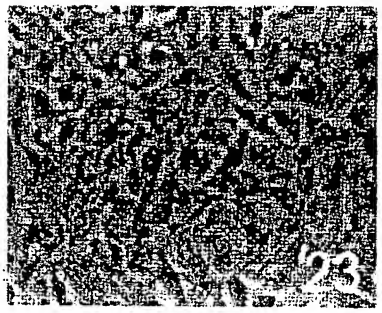


FIG. 9B

FIG. 9C

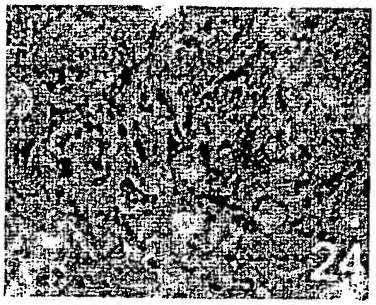


FIG. 10A

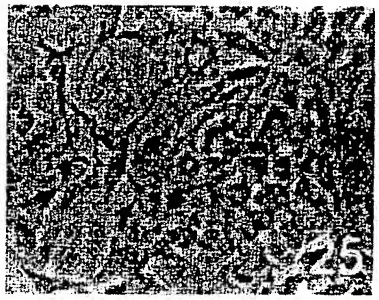


FIG. 10B

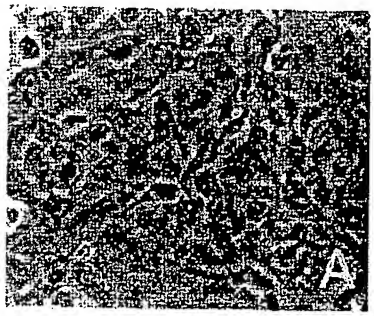


FIG. 10C

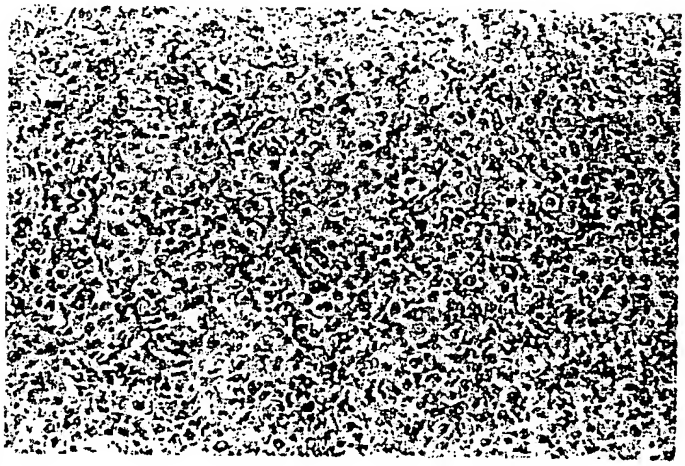


FIG. 11A

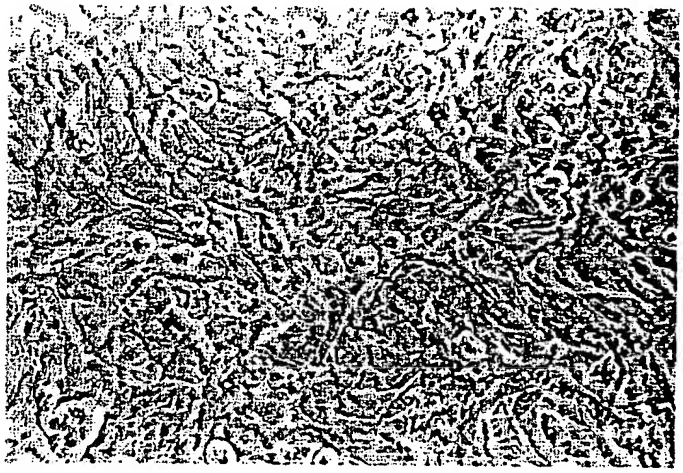


FIG. 11B

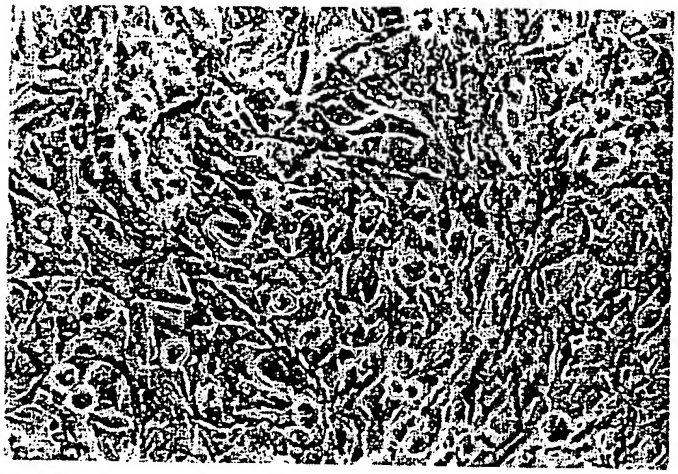


FIG. 11C

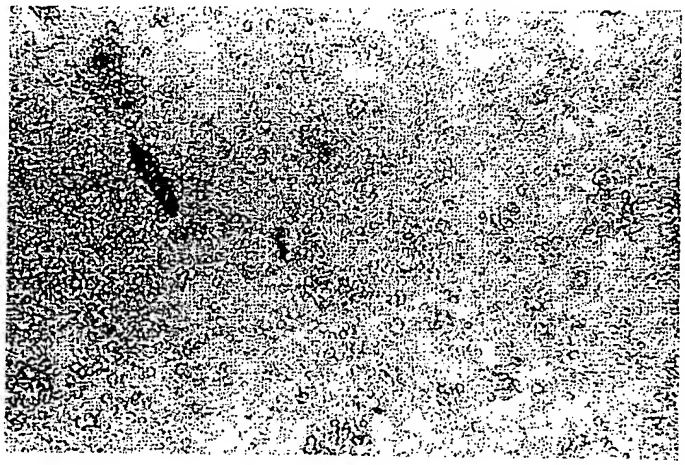


FIG. 11D

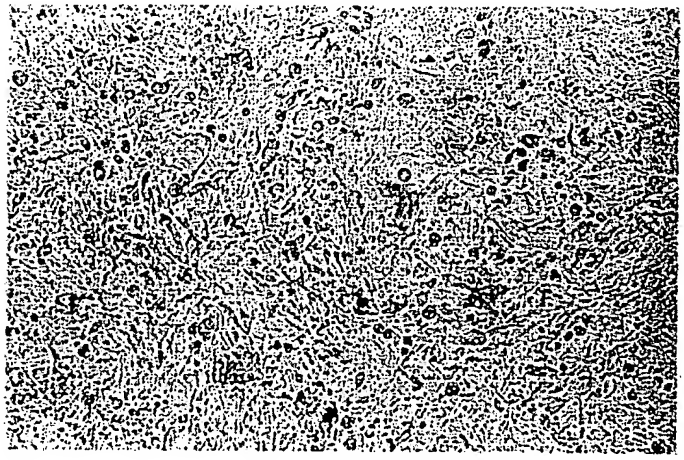


FIG. 11E

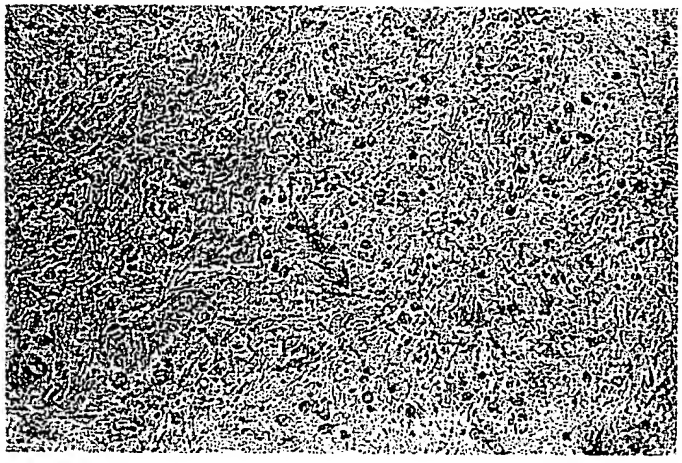


FIG. 11F

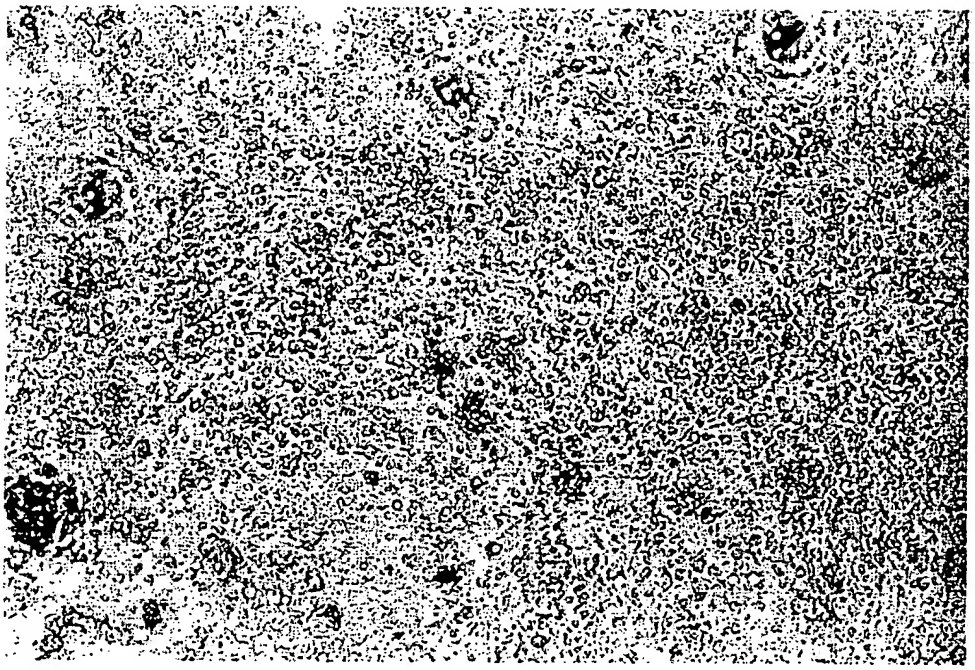


FIG. 12A

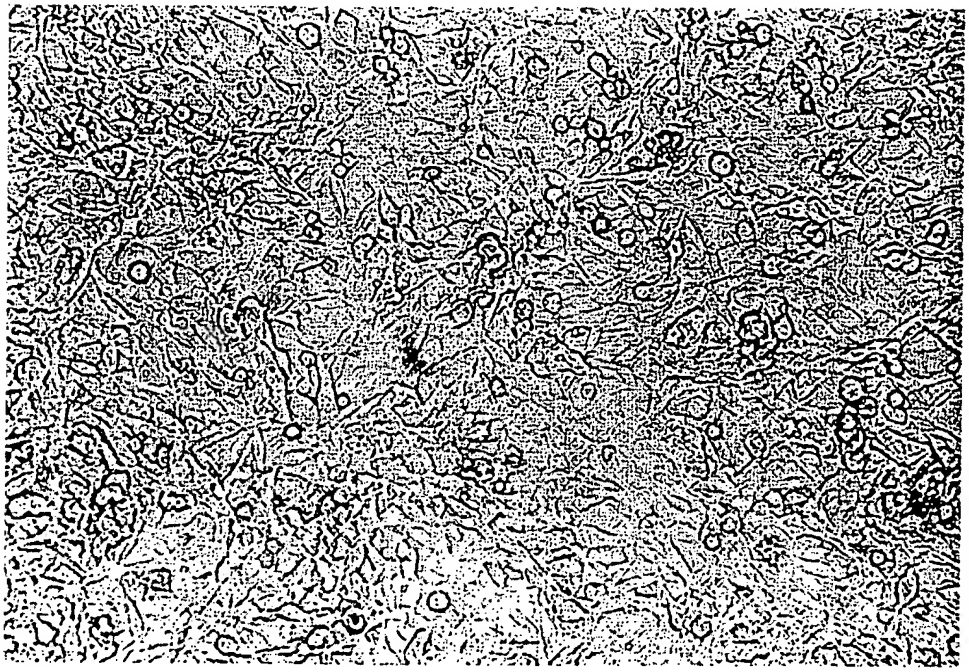


FIG. 12B

Untreated

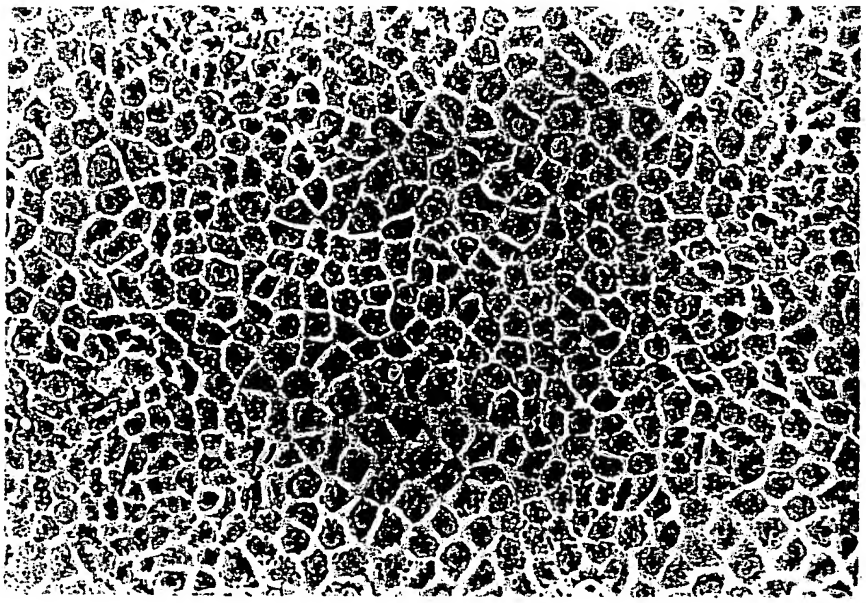


FIG. 13A

HAVS

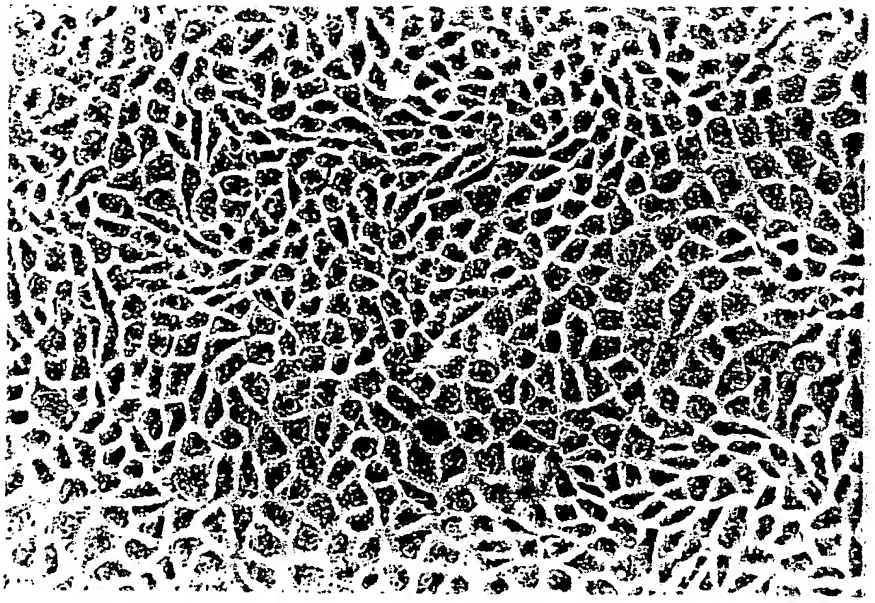


FIG. 13B

HGV

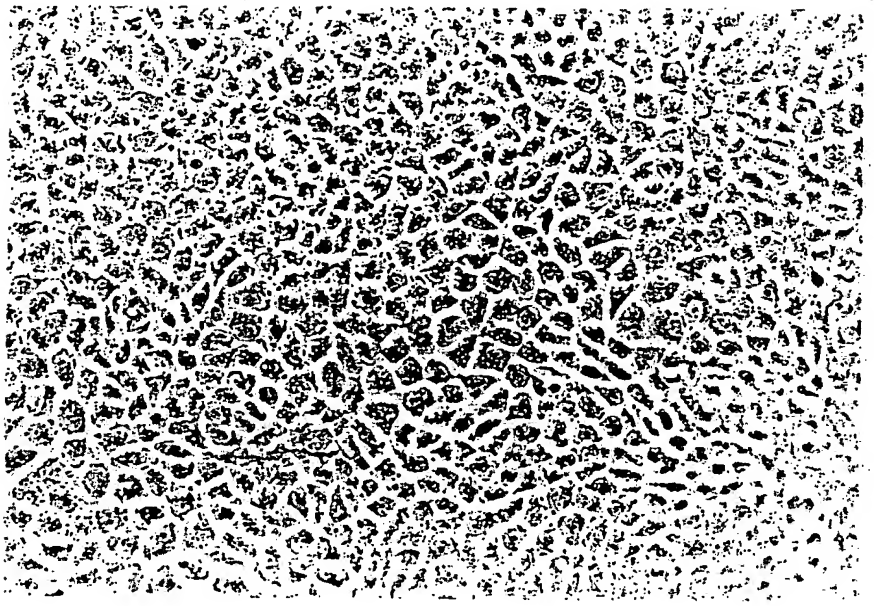


FIG. 13C

HAV

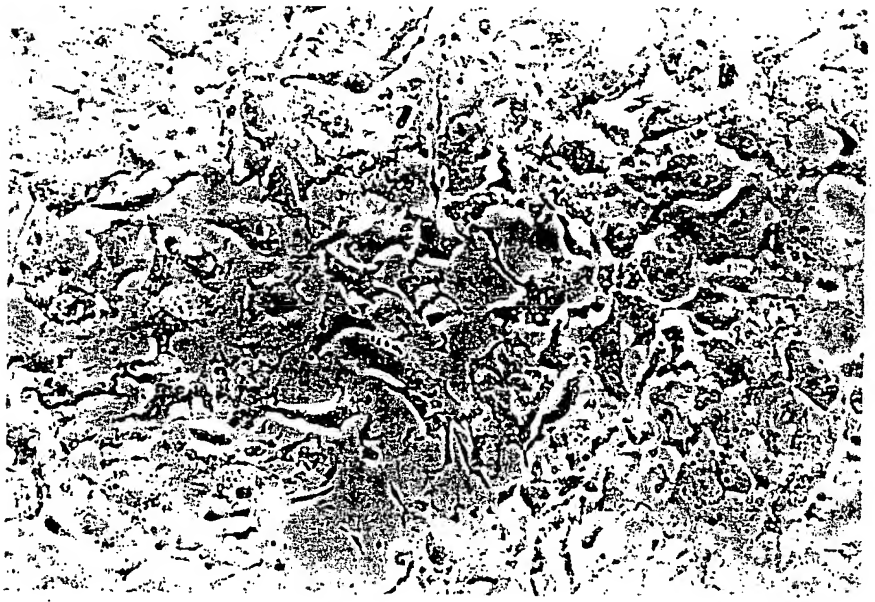


FIG. 13D

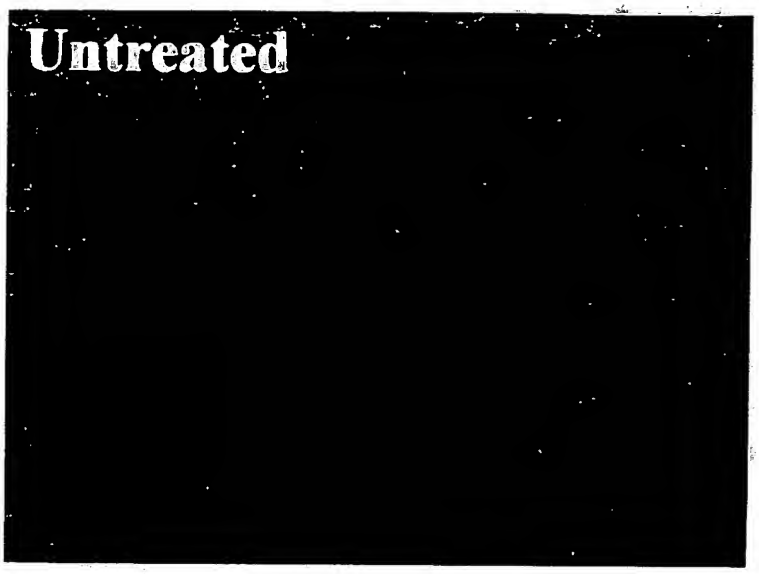


FIG. 14A

FIG. 14B

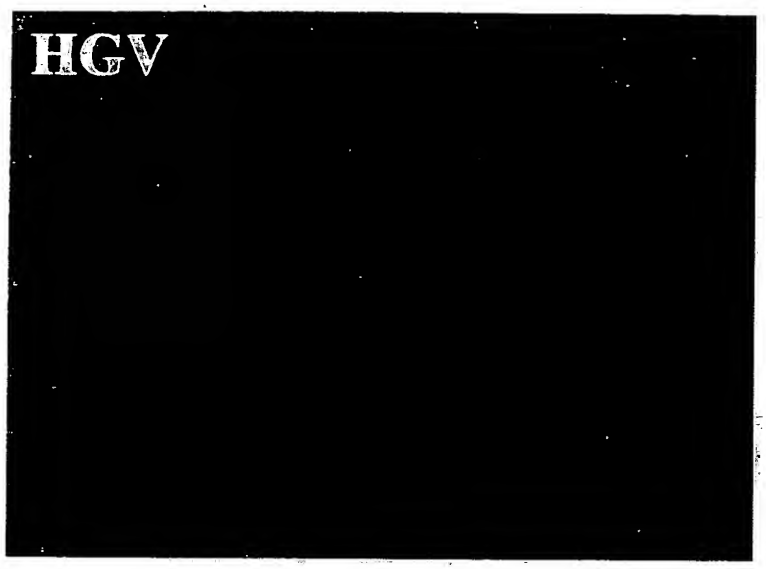


FIG. 14C

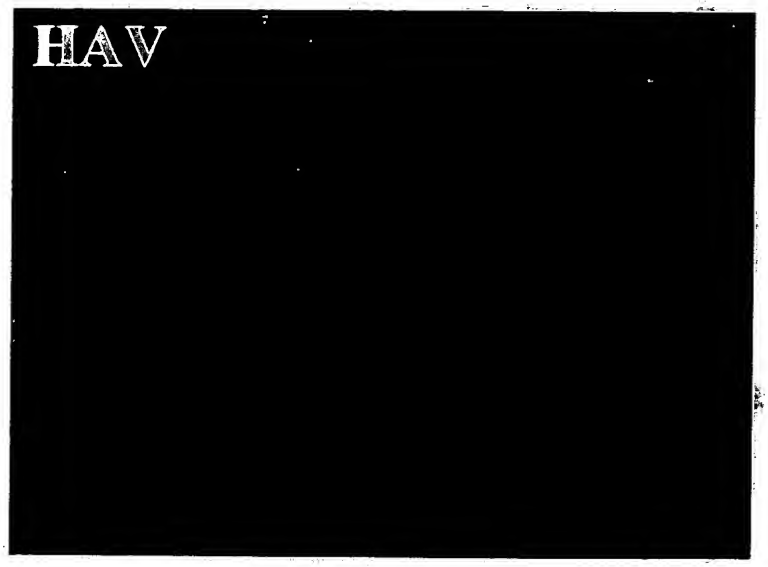


FIG. 14D

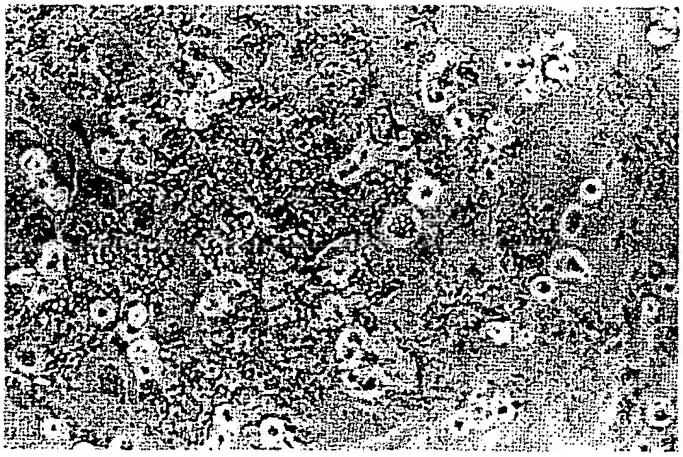


FIG. 15A

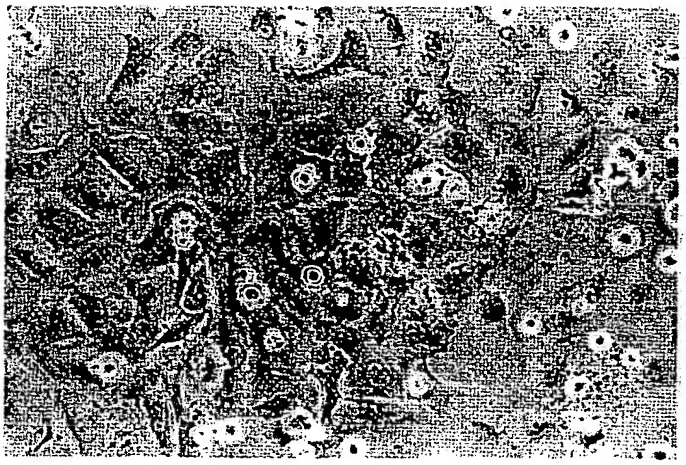


FIG. 15B

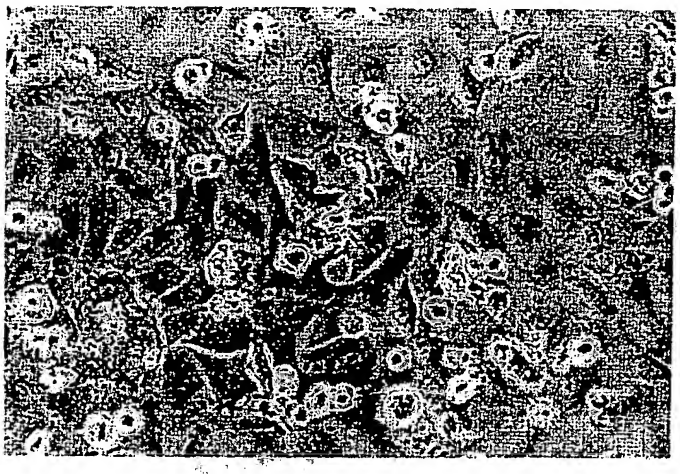


FIG. 15C

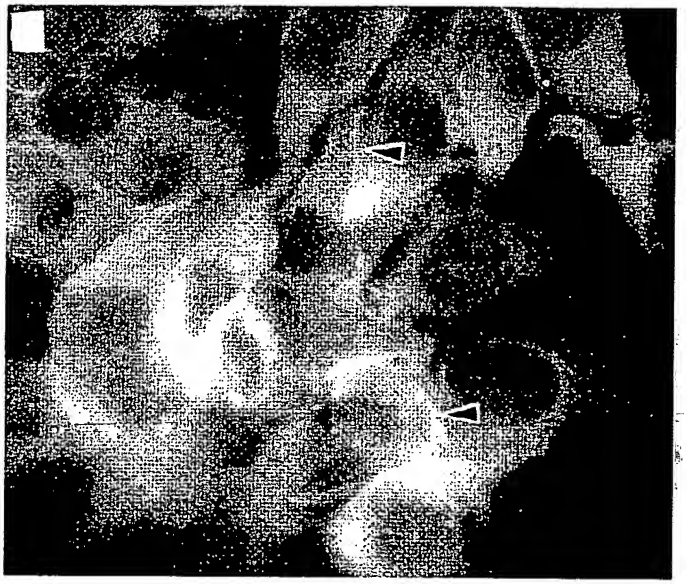


FIG. 16A

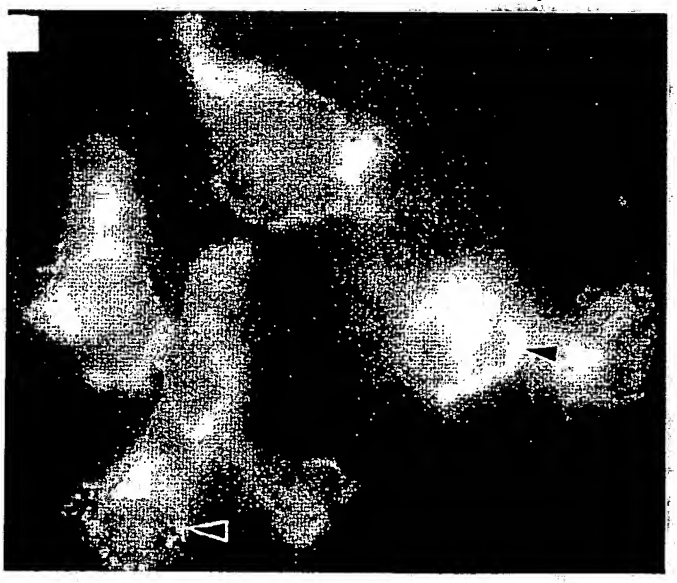


FIG. 16B

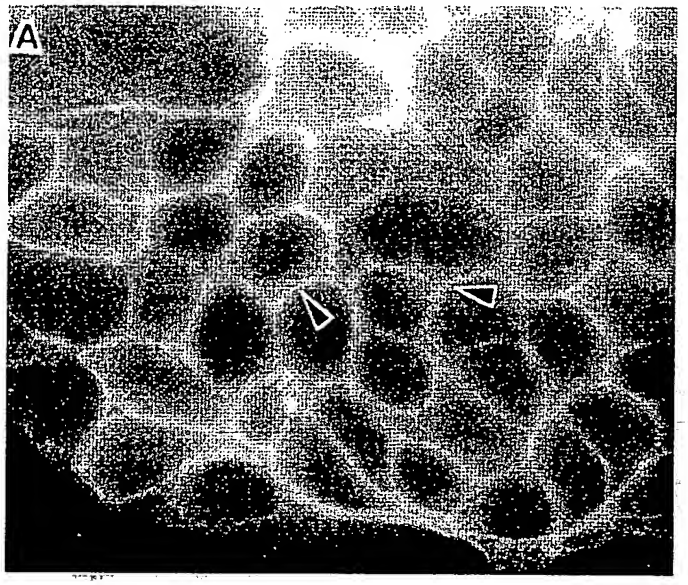


FIG. 17A

FIG. 17B